

SUMMARY OF CHANGES TO THE DOD 6055.9-STD REWRITE VERSION

Revision 2, 1 July 2003:

1. C5.3.2.4.3: "width" changed to "length" in two places to make the terminology consistent with C5.3.2.3.
2. C5.3.3.3 was deleted since criteria for minimum barricade length are specified in C5.3.2.3.3.
3. C5.3.5.2.1: Callout for C3.3.2 changed to C3.2.3, which is the correct paragraph.
4. C5.3.5.4.1: Callout for C5.F2 changed to C5.F3.
5. C5.6.10 added per DDESB-KT Memorandum of 9 June 2003, subject: Board Approval for Demilitarization Processing Equipment and Operations for Expended .50-Caliber and Smaller Cartridge Casings by Correspondence Vote.
6. C2.2.1.5.6 added. HPM-related information was inadvertently left out during the Rewrite effort.
7. For clarification, converted the scientific notation "e" used in some of the formulas in Table C9.T4 to "x 10" (ie., $4.5e-03$ to 4.5×10^{-3}). Both represent the same meaning.
8. Corrected equation C9.T4-8: " $-1.002764+06*d$ " was changed to $-1.002764 \times 10^6*d$.
9. C9.8.19 added per DDESB-KT Memorandum of 9 June 2003, subject: Board Approval for Demilitarization Processing Equipment and Operations for Expended .50-Caliber and Smaller Cartridge Casings by Correspondence Vote.

Revision 3, 1 September 2003:

1. Revised Cover Page header and footer to reflect DDESB-KT Memorandum of 26 August 2003 announcing that only the "Rewrite" version of DoD 6055.9-STD approved by DoD Explosives Safety Board at its 325th Meeting, 11 December, 2003, will be maintained.
2. Added page numbers to "Table of Contents" and "Figures and Tables".
3. Revised header and footer of all pages to reflect Rev 3, 1 Sep 2003.
4. C2.2.1.3, 5th sentence and C2.2.1.5.5, last sentence: Changed "2.5" to "2.52" to reflect the correct conversion factor.
5. Revised C2.2.5.1, C2.2.5.2, C2.2.5.3, C2.2.5.4, C2.2.5.5, C2.2.5.6, and C2.2.5.7 headings to reflect change 4 above.
6. C3.4.1, 4th sentence: Revised "8,820 lbs" to "8,818 lbs" to make the conversion consistent with other parts of the STD (i.e. C10.4.1.2.2.)
7. C4.3.1.3: Revised "9.6" to "9.52" to be consistent throughout the STD.
8. C5.2.2.2: Corrected kg value for 250,000 lbs from "113,630" to "113,398".
9. Revised equations EQN C5.2-4, EQN C5.2-6, EQN C5.2-8, EQN C5.2-10, and EQN C5.2-14 to reflect change 4 above.
10. Table C5.T2 Equations. Corrected numbering problem with equation numbers assigned to C5.T2.
11. C9.4.1.1.2.1.6.1: Revised "8,820 lbs" to "8,818 lbs" to make the conversion consistent with other parts of the STD (i.e. C10.4.1.2.2 and C3.4.1.)

12. Table C9.T2:
 - a. Modified Table C9.T2 entry for ≤ 31 (≤ 14.1) to eliminate confusion and expanded Notes (3) and (4) to address the NEWQD region that the above entry was directed to.
 - b. Revised Notes (3) and (4) of Table C9.T2 to reflect NEWQD, as shown on Table C9.T2, and not MCE, which was incorrect.
 - c. Revised Note (5) to reflect that equations in Notes (1) through (4) could be used for determining other allowable HFD-NEWQD combinations.
13. Table C9.T4, EQN C9.T4-4, Changed NEW to NEWQD.
14. Table C9.T10: Revised ILD entry for 70 lbs MCE to 200 feet, the minimum ILD required per Note 1.
15. Added Note (c) under General Comments to C9.T11 to assist Services in finding the authorization for storage of limited quantities of HD 1.2.2 for operational necessity. Paragraph C9.4.2.10 permits this storage.
16. EQN C9.7-11: Revised " $W^{0.4}$ " to " $W^{0.41}$ " to correct an error. Corrected this error in AP2 as well.
17. C9.8.4.3.4.2: Revised this paragraph as discussed in DDESB-KT Memorandum of 28 August 2003, Subject: Correction of Error in "Rewrite" Version of DoD 6055.9-STD as Pertaining to Explosives Ordnance Disposal (EOD) Proficiency Range Barricading. An error had occurred in conversion of the STD to the "rewrite" version with respect to the need for a barricade at an EOD Proficiency Training Range that provided a 500-foot protection distance to exposed sites requiring IBD, PTR, or ILD. The above Memorandum corrected this error.
18. AP2: Corrected equation numbers to match change made in Chapter 5, Table C5.T2 (see Change 10 above.)
19. AP2: Revised equations C9.T2-10, C9.T2-11, C9.T2-12, and C9.T4-4 to change "MCE" or "NEW" to "NEWQD".